

FORM PTO-1390
(REV. 12-2001)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER
11576-003-999**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
To be assigned **02509314**INTERNATIONAL APPLICATION NO.
PCT/KR03/00611INTERNATIONAL FILING DATE
March 27, 2003PRIORITY DATE CLAIMED
March 27, 2002

TITLE OF INVENTION

HYBRID ARTIFICIAL BLOOD VESSEL COMPRISING BIODEGRADABLE POLYMER SUPPORTING LAYER AND MANUFACTURING PROCESS THEREOF

APPLICANT(S) FOR DO/EO/US
In-Sup NOH

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) (filed in English; translation not needed)
 - a. ☐ is attached hereto (required only if not communicated by the international Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer readable form of the sequence listing in accordance with PCT Rule.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Priority to Korean Application No. 10-2002-0016866 is claimed.

US APPLICATION NO. (If known, see 37 CFR 1.51) To be assigned 107509314		INTERNATIONAL APPLICATION NO. PCT/KR03/00611		ATTORNEY'S DOCKET NUMBER 11576-003-999	
21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) - (5)): <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1,080.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(1)(2)) paid to USPTO..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	\$1080.00
CLAIMS NUMBER FILED NUMBER EXTRA RATE X					
Total Claims 16 - 20 0 \$18.00					\$0.00
Independent Claims 2 - 3 0 \$86.00				=	\$0.00
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable) + 290.00				-	\$290.00
TOTAL OF ABOVE CALCULATIONS=				=	\$1370.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2				-	\$685.00
SUBTOTAL =				\$	\$685.00
Processing fee of \$130.00 for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$0.00
TOTAL NATIONAL FEE				=	\$685.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). x \$40.00 per property				\$	\$0.00
TOTAL FEES ENCLOSED				=	\$685.00
				Amount to be refunded:	
				charged:	
<input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed					
<input checked="" type="checkbox"/> Please charge Deposit Account No. 50-3013 to cover the above fees. A copy of this sheet is enclosed					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3013. A copy of this sheet is enclosed.					
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
22. <input type="checkbox"/> Other instructions					
23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to JONES DAY 20583					
24. <input checked="" type="checkbox"/> All telephone inquiries should be made to Lawrence S. Graham, Esq. (Reg. No. 49,020) 858-314-1200. <i>Reg. No. 49,020</i>					
Anthony M. Insogna NAME		<i>Anthony M. Insogna</i> SIGNATURE		35,203 REG. NO. September 27, 2004 DATE	